AMENDMENTS TO THE CLAIMS

Please amend claims 1, 4 to 6, 11, 16, and 22, as shown below. This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently Amended) A method for data transfer between a host system, a database, a client computer, and a terminal server, the method comprising:

establishing a data connection between a client computer and a terminal server, the terminal server being disposed in a geographic location;

receiving, at a host system, client data of the client computer and a terminal server identifier from a of the terminal server, from the terminal server;

determining the geographic location of the terminal server based on receiving using the terminal server identifier;

querying a database to identify geographic location specific service data associated with the geographic location of the terminal server; and

automatically sending the geographic location specific service data associated with the geographic location of the terminal server from the host system to the client computer terminal server in response to a client connected to the terminal server.

2. (Previously Presented) The method of claim 1 wherein the database includes a first record that associates the terminal server identifier with the geographic location, and querying the database includes determining the geographic location based on the terminal server identifier from the first record.

3. (Previously Presented) The method of claim 2 wherein the database further includes a record that associates the geographic location with service data that is specific to the geographic location, and querying the database further comprises determining the geographic location specific service data based on the determined geographic location.

4.   (Currently Amended) The method of claim 1 further comprising:

~~establishing a data connection between the terminal server and the client computer;~~

receiving the geographic location specific service data at the terminal server; and

forwarding the geographic location specific service data from the terminal server to the

client computer.

5.   (Currently Amended) The method of ~~claim 4~~ claim 1, wherein establishing a data

connection is carried out prior to receiving the terminal server identifier.

6.   (Currently Amended) The method of ~~claim 4~~ claim 1, wherein establishing a data

connection further comprises receiving a dial-up modem connection from a client computer.

7.   (Previously Presented) The method of claim 1 wherein the terminal server identifier

comprises a network address associated with the terminal server.

8.   (Previously Presented) The method of claim 7 wherein receiving the terminal server

identifier further comprises receiving a data packet from the terminal server, the data packet

including the terminal server network address.

9.   (Previously Presented) The method of claim 8 wherein the data packet includes request

data received at the terminal server from the client computer, the request data identifying an

information service.

10.   (Previously Presented) The method of claim 9 wherein querying the database further

comprises querying based on the terminal server identifier and the request data; and the

geographic location specific service data identified by the query of the database is associated

with both the terminal server identifier and with the service identified by the request data.

Applicant : William KENNEY   Attorney's Docket No.: 06975-029001 / Personalization
Serial No. : 09/582,261   01
Filed : October 10, 2000
Page : 4 of 8

11.   (Currently Amended) A host system comprising:

a database including a record associating a terminal server identifier with service data specific to a geographic location;

~~an interface to~~ a data interface configured to exchange data with a terminal server ~~situated at~~ disposed in a geographic location via a communications link; and

a processor ~~configured to~~ configured to:

receive client data of a client computer connected to the terminal server via a data connection and the terminal server identifier of the terminal server via the ~~from the~~ data interface,

determine ~~to determine~~ the geographic location of the terminal server ~~based on receiving~~ using the terminal server identifier,

query ~~to query~~ the database to identify geographic location specific service data associated with the geographic location of the terminal server ~~identifier~~, and

automatically send ~~to send~~ the geographic location specific service data associated with the geographic location of the terminal server to the client computer via ~~identified by the query to~~ the data interface ~~for transmission to the terminal server~~ ~~in response to a client connected to the terminal server~~.

12.   (Previously Presented) The host system of claim 11 wherein:

the terminal server identifier comprises a network address associated with the terminal server; and

the interface includes packet processing circuitry to receive a data packet from the terminal server and extract the terminal server identifier from a header region of the data packet.

13.   (Previously Presented) The host system of claim 12 wherein the network address comprises an internet protocol address.

14.   (Previously Presented) The host system of claim 11 wherein the database includes a disk storage medium comprising a plurality of records associating terminal server identifiers with geographic locations and a plurality of records associating geographic locations with service data.

15.   (Previously Presented) The host system of claim 14 further comprising a software storage media coupled to the processor, the media storing instructions to configure the processor to query the database, instructions to retrieve geographic locations associated with terminal server identifiers and instructions to query the database to retrieve service data associated with geographic locations.

16.   (Currently Amended) A computer program residing on a computer-readable medium, comprising instructions for causing a computer to:

establish a data connection between a client computer and a terminal server, the terminal server being disposed in a geographic location;

receive client data of the client computer and a terminal server identifier from a of the terminal server, from the terminal server;

determine the geographic location of the terminal server based on receiving using the terminal server identifier;

query a database to identify geographic location specific service data associated with the geographic location of the terminal server; and

automatically send the geographic location specific service data associated with the geographic location of the terminal server to the client computer terminal server in response to a client connected to the terminal server.

17.   (Previously Presented) The computer program of claim 16 wherein the instructions to query the database comprise instructions to query the database to determine the geographic location based on the received terminal server identifier.

18.   (Previously Presented) The computer program of claim 16 wherein the terminal server identifier comprises a network address associated with the terminal server.

19.   (Previously Presented) The computer program of claim 16 wherein the instructions to receive the terminal server identifier comprises instructions to receive a data packet from the terminal server, the data packet including a terminal server network address.

20.   (Previously Presented) The computer program of claim 19 wherein the data packet further comprises request data received at the terminal server from a client computer, the request data identifying a service.

21.   (Previously Presented) The computer program of claim 20 wherein:
        the instructions to query the database comprise instructions to query the database based on the terminal server identifier and the request data; and the geographic location specific service data identified by the query is associated with both the terminal server identifier and with the service identified by the request data.

22.   (Currently Amended) A method for data transfer between a host system, a database, a client computer, and a terminal server, the method comprising:
        establishing a data connection between a client computer and a terminal server, the terminal server being disposed in a geographic location;
        receiving, at a host system, client data of the client computer and a terminal server identifier ~~from a~~ of the terminal server, from the terminal server;
        determining, ~~by the~~ at the host system, ~~a geographic~~ the geographic location of the terminal server ~~based on receiving~~ using the terminal server identifier;
        maintaining, at the host system, the geographic ~~geographic~~ location specific service data;
        querying, at the host system, a database to identify the geographic location specific service data associated with the geographic location of the terminal server; and

automatically sending the geographic location specific service data <u>associated with the geographic location of the terminal server</u> from the host system to the <u>client computer</u> ~~terminal server~~,

wherein the host system is a single source for accessing the geographic location of the terminal server, maintaining the geographic location specific service data, and sending the geographic location specific service data to the terminal server ~~in response to a client connecting to the terminal server~~.

23.   (Previously Presented) The method as in claim 22 further comprising:

establishing a data connection between the terminal server and the client computer;

receiving the geographic location specific data at the terminal server; and

forwarding the geographic location specific service data from the terminal server to the client computer.

24.   (Previously Presented) The method as in claim 22 wherein the terminal server identifier includes a network address associated with the terminal server.